

INTERNATIONAL SEARCH REPORT

Inter | Application No

PCT/US2004/036060

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 B65D25/48

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 B65D B44D

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	WO 02/085713 A (NOTTINGHAM-SPIRK PARTNERS, LLC; NOTTINGHAM, JOHN, R; SPIRK, JOHN, W; P) 31 October 2002 (2002-10-31) paragraphs '0056!; '0071! - '0074!; figures 1a,11,13,15,23 -----	1-8, 17-28
Y	US 3 397 824 A (GANUNG ROBERT B ET AL) 20 August 1968 (1968-08-20) the whole document -----	9-12, 14-16
Y	US 4 706 829 A (LI ET AL) 17 November 1987 (1987-11-17) the whole document -----	9-12, 14-16
A	US 4 984 714 A (SLEDGE ET AL) 15 January 1991 (1991-01-15) the whole document -----	1-28
A	-----	1-28

Further documents are listed in the continuation of box C.

Patent family members are listed in annex.

° Special categories of cited documents:

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the International filing date
- *L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the International filing date but later than the priority date claimed

- *T* later document published after the International filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- *&* document member of the same patent family

Date of the actual completion of the international search

Date of mailing of the International search report

3 March 2005

24/03/2005

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2
NL - 2280 HV Rijswijk
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,
Fax: (+31-70) 340-3016

Authorized officer

Visentin, M

INTERNATIONAL SEARCH REPORT

Intern	Application No
PCT/US2004/036060	

Patent document cited in search report	Publication date	Patent family member(s)		Publication date
WO 02085713	A 31-10-2002	CA 2449416 A1		31-10-2002
		EP 1387795 A1		11-02-2004
		MX PA03009605 A		05-05-2004
		WO 02085713 A1		31-10-2002
		US 2002195471 A1		26-12-2002
US 3397824	A 20-08-1968	NONE		
US 4706829	A 17-11-1987	AU 578175 B2		13-10-1988
		AU 6714687 A		13-08-1987
		BR 8700536 A		08-12-1987
		EP 0232002 A2		12-08-1987
		FR 2594097 A1		14-08-1987
		JP 62193962 A		26-08-1987
		ZA 8700358 A		30-09-1987
US 4984714	A 15-01-1991	NONE		